



Pioneer Energy Services

Dual Compensated Porosity Log

15-171-21014-00-00

API No.

Company **Landmark Resources, Inc.**

Well **Sleeping Indian # 1-12**

Field **Wildcat**

County **Scott** State **Kansas**

Location **1927' FSL & 913' FEL**

Other Services
DIL

Sec: **12** Twp: **17 S** Rge: **34 W**

Permanent Datum **Ground Level** Elevation **3093**
Log Measured From **Kelly Bushing** 11 Ft. Above Perm. Datum
Drilling Measured From **Kelly Bushing**

Elevation
K.B. 3104
D.F.
G.L. 3093

Date **1/9/2014**

Run Number **One**

Type Log **CNL / CDL**

Depth Driller **4906**

Depth Logger **4904**

Bottom Logged Interval **4883**

Top Logged Interval **3500**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **7700**

Density **9.5**

Level **Full**

Max. Rec. Temp. F **127**

Operating Rig Time **5 1/2 Hours**

Equipment -- Location **91 Hays**

Recorded By **Y. Ruiz**

Witnessed By **Max Lovely**

Borehole Record

Casing Record

Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	243	8.625	24#	00	243
2	7.875	243	4906				

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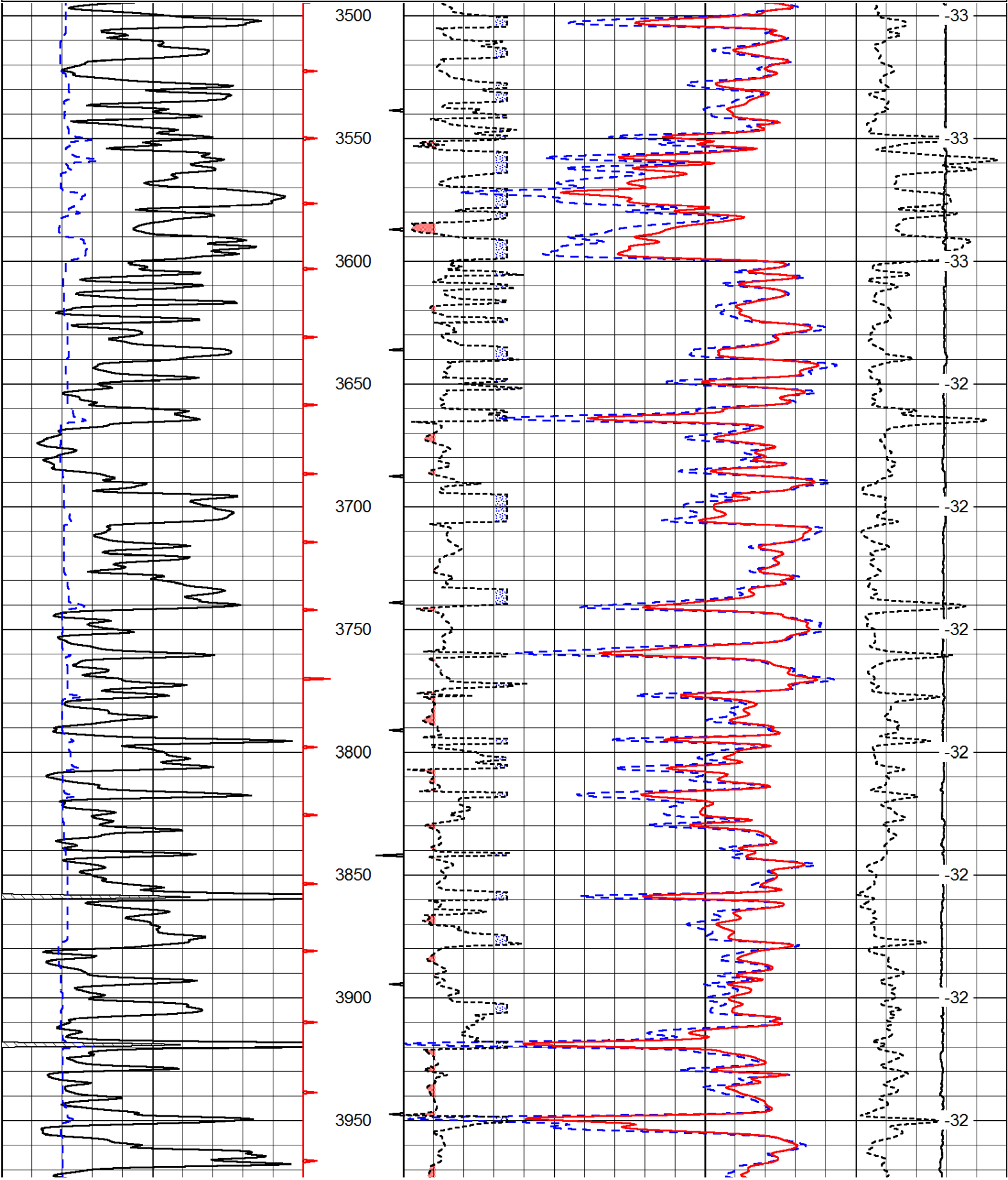
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

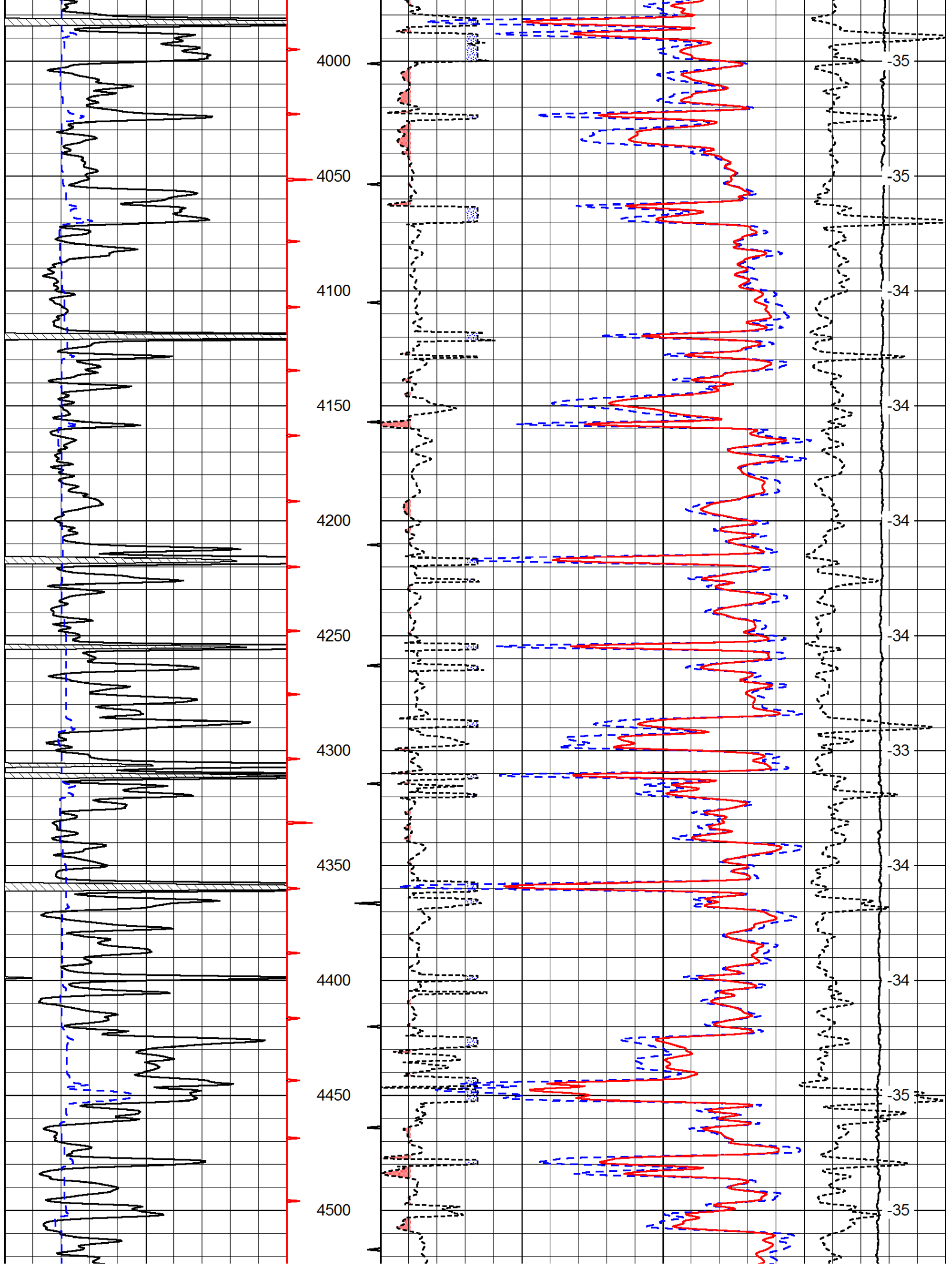
Comments

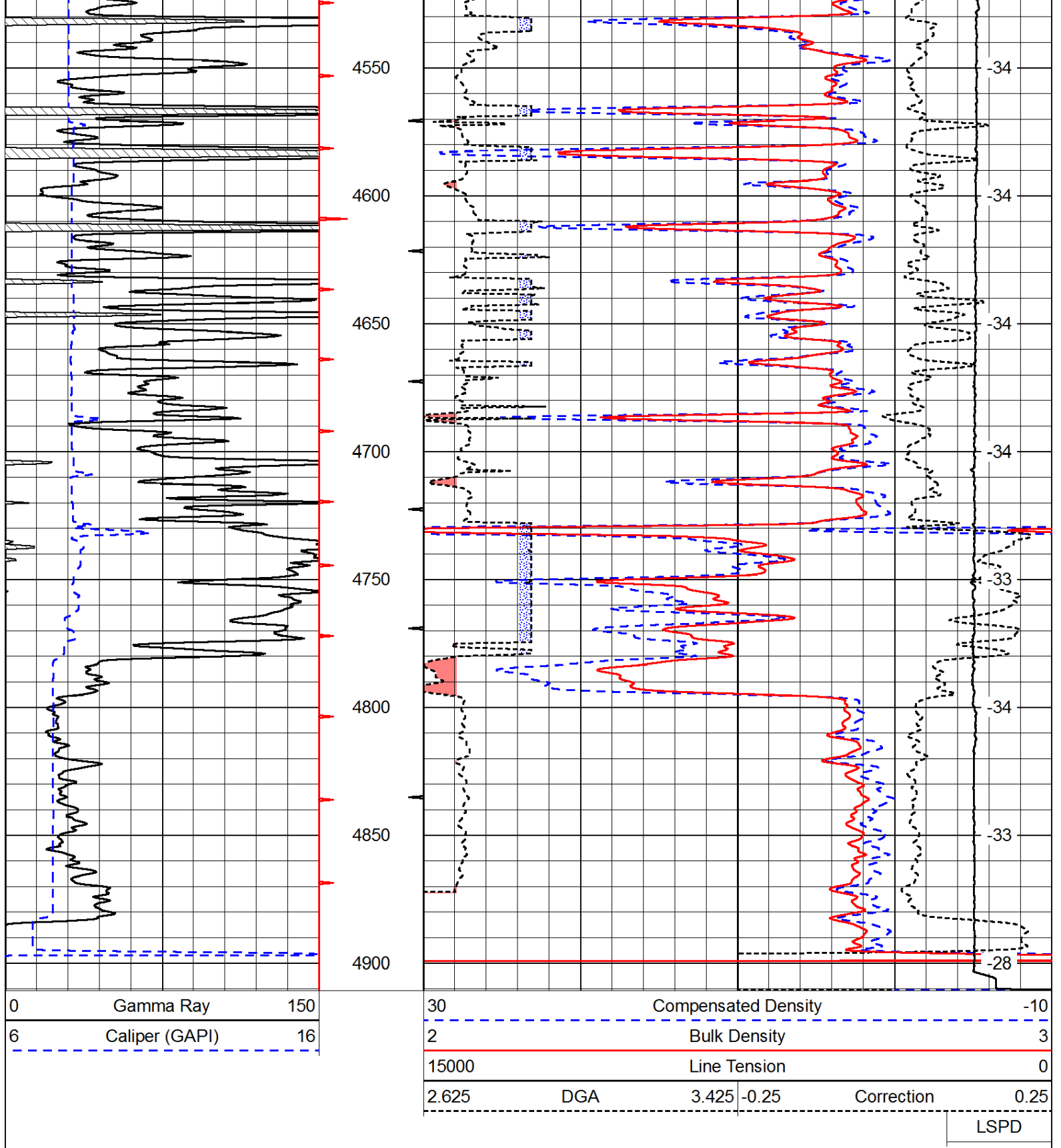
Thank you for using Pioneer Energy Services
www.pioneerres.com
785 625 3858
Scott City,
North to 230 Rd, 6 West to Falcon Rd, 1/2 South,
West into

0	Gamma Ray	150
6	Caliper (GAPI)	16

30		Compensated Density		-10	
2		Bulk Density		3	
15000		Line Tension		0	
2.625	DGA	3.425	-0.25	Correction	0.25
					LSPD







Database File: c:\warrior\data\landmark_sleeping indian # 1-12\landmark_010914hd2.db
 Dataset Pathname: DIL2\lanstk
 Presentation Format: cndlspec
 Dataset Creation: Thu Jan 09 17:15:12 2014
 Charted by: Depth in Feet scaled 1:240

